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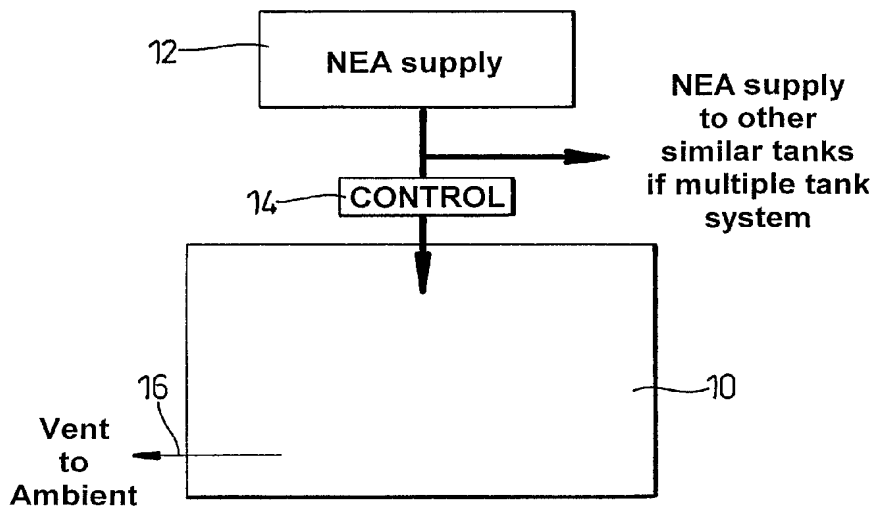
(43) International Publication Date  
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number  
**WO 2005/082712 A1**

- (51) International Patent Classification<sup>7</sup>: **B64D 37/32**, A62C 3/06
- (21) International Application Number: PCT/GB2005/000724
- (22) International Filing Date: 28 February 2005 (28.02.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
0404278.4 26 February 2004 (26.02.2004) GB  
60/548,106 27 February 2004 (27.02.2004) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AIRCRAFT FUEL TANK AND INERTING SYSTEM THEREFOR



(57) Abstract: An inerting system for an aircraft fuel tank (10) uses an air separation device (12) to produce a supply of nitrogen-enriched air to replenish the fuel tank on consumption of fuel and to maintain the pressure difference across the walls of the tank (10) below design limits. The air separation device (12) provides substantially the whole of the mass of the gas required and so there is substantially no inward venting. This provides a substantially homogenous nitrogen content in the air in the tank (10).

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